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Understanding Radio—By Watson, Welch and Eby, Second Edition, 716 pages, 522 figures, Mc-Graw-Hill Book Company, Inc., 1951, Price, $ 5.50.

This is an elementary book written for " students who have little or no background in electricity or science." As is expected in such a book, the mathematics has been kept to a working minimum and the book is made as practical as possible. The book is divided into twentysix chapters, each followed by a number of illustrative questions and list of technical terms used in the chapter. Some of the chapters headings are as follows: Radio Waves and Wave Travel (Chap. II), Ohm's Law by Simple Mathematics and Meters (Chap. V), Wave-form pictures (Chap. VIII), Dynamic Loud Speaker (Chap. XIII), Antennas (Chap. XXIII), The Very High Frequencies (Chap. XXIV), Frequency Modulation (Chap. XXV). The method adopted in preparing the text of each chapter is learn-by-doing. The book is profusely illustrated emphasising the visual-teaching approach. Towards the end, in the Appendix, a large number of data compiled from tube manuals, are given. These will be of great help to practical workers.

The book is eminently suited to those who want to learn the elements of practical radio and also to understand broadly why-it-works. Teachers in such elementary classes will fiud the book very useful. Undergraduate students in the colleges may also read the book with profit. We very heartily recommend the book to the large category of readers who are interested in radio as vocation or avocation, but are prevented from joining higher technical courses in the subject due to lack of systematic training in physics and mathematics.

(J. S. C.)